BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Certificate in Information Technology Pearson BTEC International Level 3 Subsidiary Diploma in Information Technology Pearson BTEC International Level 3 Foundation Diploma in Information Technology Pearson BTEC International Level 3 Diploma in Information Technology Pearson BTEC International Level 3 Extended Diploma in Information Technology
Unit number and title	**Unit 25: Full Stack Development**
Learning aim(s)	Learning aim A: Explore tools and technologies for full stack development
Assignment title	Applications and considerations for full stack development
Assessor	
Issue date	
Hand in deadline	

Vocational scenario or context	Soume Computing is an independent software development company. The company develops bespoke apps and computer systems for companies in a range of industries. You have been offered an interview for the role of junior developer at Soume Computing. As part of the recruitment process, you must demonstrate you have an understanding of full stack development.
Task 1	Write an evaluative report for the owner of the company in which you evaluate how and why full stack development is used to solve different problems. Your evaluation needs to cover: • the fundamental concepts of full stack development • the tools and technologies used to create and deploy full stack solutions • how full stack programming is used in at least three different situations to develop solutions to meet specific identified needs • the impacts that full stack development has on individuals and organisations including: othe benefits othe drawbacks

	owider considerations. You should support your evaluation with specific real-world examples. Your evaluation should be logically structured and use correct technical terms.
Checklist of evidence required	Completed report

Criteria covered by this task:	
Criteria reference	To achieve the criteria you must show that you are able to:
A.D1	Evaluate the impact of using full stack development to develop solutions to meet specific identified needs.
A.M1	Analyse the benefits, drawbacks and wider considerations of using full stack development to develop solutions to meet specific identified needs.
A.P1	Describe how full stack programming is used in industry to develop solutions to meet specific identified needs.
A.P2	Explain the associated benefits, drawbacks and wider considerations of full stack development.

Sources of information to support you with this Assignment	https://bootcamp.learn.utoronto.ca/blog/what-is-a-full-stack-developer/ https://careerfoundry.com/en/blog/web-development/what-is-a-full-stack-web-developer/
Other assessment materials attached to this Assignment Brief	